Journal of Immunological Methods, 157 (1993) 275–276

© 1993 Elsevier Science Publishers B.V. All rights reserved 0022-1759/93/$06.00

Contents to volume 157 (1993)

Numbers 1–2 – 4 January 1993

Minireview

Methods for assessing complement activation in the clinical immunology laboratory
J.M. Porcel, M. Peakman, G. Senaldi and D. Vergani (UK) 1

Research reports

New immunoassay technique using antibody immobilized on a membrane and a flow cuvette as reaction vessel
B.M. Gorovits, A.P. Osipov and A.M. Egorov (Russian Federation) 11

Conformation-sensitive immunoassay: optimisation, validation and evaluation
S. Lolov, S. Tyutyulkova, I. Marinova, I. Kehayov and S. Kyurkchiev (Bulgaria) 19

Dye-ligand affinity purification of human complement factor B and β_2 glycoprotein I
S.C. Williams and R.B. Sim (UK) 25

Detection of human papillomavirus DNA in CaSki and HeLa cells by fluorescent in situ hybridization. Analysis by flow cytometry and confocal laser scanning microscopy
G. Lizard, M.C. Chignol, Y. Chardonnet, C. Souchier, M. Bordes, D. Schmitt and J.P. Revillard (France) 31

Separation of different forms of the fourth component of human complement by fast protein liquid chromatography
M. Hessing, J. Paardekooper and C.E. Hack (Netherlands) 39

Purification of human blood basophils by negative selection using immunomagnetic beads
T. Bjerke, S. Nielsen, J. Helgestad, B.W. Nielsen and P.O. Schiøtz (Denmark) 49

A flow cytometric rosetting assay for the analysis of Fc receptors and C3 receptors on HSV-infected cells
K.E. Van Vliet, L.A.M. De Graaf-Miltenburg, J. Verhoef and J.A.G. Van Strijp (Netherlands) 57

Capture assay for specific IgE. An improved quantitative method
V. Olivieri, I. Beccarini, G. Gallucci, T. Romano and F. Santoro (Italy) 65

An efficient sandwich-ELISA for the determination of choline acetyltransferase
C. Ostermann-Latif, M. Mäder and K. Felgenhauer (Germany) 73

$Fc_\varepsilon RI$-mediated hydrolysis of phosphoinositides in permeable membrane vesicles
D.E. Kuhn and S.C. Dreskin (USA) 81

Assessment of mycobacterial infection and multiplication in macrophages by polymerase chain reaction
L.F. Barrera, E. Skamene and D. Radzioch (Canada) 91

A modification of an affinity procedure for purification of human $C\bar{1}$ inhibitor that provides a homogeneous stable preparation
V.H. Donaldson and M.W. Falconieri (USA) 101

Standardization of in vitro synthesis and detection of HIV-1-specific antibodies
S. Indraccolo, R. Zamarchi, M.L. Veronese, M.R. Mazza, M. Mion, A. Veronesi, M. Panozzo, M. Colombatti, A. Barelli, P. Rocchetto, A. Amadori and L. Chieco-Bianchi (Italy) 105

A simple quantitative in vitro assay for thymocyte adhesion to thymic epithelial cells using a fluorescein diacetate
Y. Maeda, K. Tanaka, Y. Koga, X.-Y. Zhang, M. Sasaki, G. Kimura and K. Nomoto (Japan) 117

An immunoassay for the rapid and specific detection of three sialidase-producing clostridia causing gas gangrene
T. Roggentin, R.G. Kleineidam, D.M. Majewski, D. Tirpitz, P. Roggentin and R. Schauer (Germany) 125

A new portable device for automatic controlled-gradient cryopreservation of blood mononuclear cells
L. Hviid, G. Albeck, B. Hansen, T.G. Theander and A. Talbot (Denmark) 135

Characterization of morphine-specific monoclonal antibodies showing minimal cross-reactivity with codeine
T. Usagawa, Y. Itoh, E. Hifumi, A. Takeyasu, Y. Nakahara and T. Uda (Japan) 143

Enzyme immunoassay for the determination of bovine growth hormone using avidin-biotin-peroxidase complexes
M. Hennies and W. Holtz (Germany) 149

Determining confidence limits for drug potency in immunoassay
W.G. Alvord and J.L. Rossio (USA) 155

A novel method for controlling the pepsin digestion of antibodies
D.W. Rea and M.E. Ultee (USA) 165
Locomotion through three-dimensional type I rat tail collagen. A modified mini-assay
H. Gutman, D. Risin, B.P. Katz and N.R. Pellis (USA) 175
A reproducible method to detect CD8 T cell mediated inhibition of HIV production from naturally infected CD4 cells
M.A. Hausner, J.V. Giorgi and S. Plaeger-Marshall (USA) 181
Development of a latex agglutination inhibition reaction test for amphetamines in urine
D. Mongkolsirichaikul, B. Tarnchompoo and K. Ratanabanangkoon (Thailand) 189
A time-resolved fluoroimmunoassay for human insulin based on two monoclonal antibodies
M.-J. Storch, P. Marbach and L. Kerp (Germany, Switzerland) 197
An improved MTT assay
D. Sladowski, S.J. Steer, R.H. Clothier and M. Balls (UK) 203
Eupergit C-coated membranes as solid support for a sensitive immunoassay of human albumin
B. Solomon, S. Schmitt, F. Schwartz, A. Levi and G. Fleminger (Israel, Germany) 209
SDS-PAGE after micro-affinity adsorption for analysis of heterogeneous antigen polypeptides in individual sera
K. Takahashi, S. Kishimoto, K. Ohori, H. Yoshizawa, H. Okamoto, Y. Miyakawa and M. Mayumi (Japan) 217
Comparative analysis of using MTT and XTT in colorimetric assays for quantitating bovine neutrophil bactericidal activity
M.G. Stevens and S.C. Olsen (USA) 225
Use of an aqueous soluble tetrazolium/formazan assay to measure viability and proliferation of lymphokine-dependent cell lines
T.M. Buttke, J.A. McCubrey and T.C. Owen (USA) 233
Generation and characterization of monoclonal antibodies against rabbit CD4, CD5 and CD11a antigens
M. Kotani, Y. Yamamura, T. Tamatani, F. Kitamura and M. Miyasaka (Japan) 241
Application of the MAILA technique to the study of human anti-HLA monoclonal antibody specificity
B. Sánchez, J. Melero, J.R. García-Lozano, J. Yélamos, R. Magariño, M.M. Robledo, V. Dessi, S. Siervo and A. Núñez-Roldán (Spain, Italy, Switzerland) 253
Improved sensitivity in the antibody-forming cell assay for Japanese encephalitis virus in mice by optimal fixation of cells and avidin-biotin complex (ABC) immunocytochemistry
J. García-García, I. Takashima, H. Kariwa and N. Hashimoto (Japan) 259

Letter to the editors
Artifacts with the thiocyanate elution method for estimating relative antibody avidity
B.M. Gray and D.R. Shaw (USA) 269

Announcements 273

Contents to volume 157 (1993) 275

Notes to authors 277